

Luminaire Schedule													
Symbol	Ref	Qty	Config	Outreach	Description	Mtg Height	Lumens	Cutoff Class	Total MF	Unit Watts			
	A	18	Single	0	Kirium Pro S1 16LED A2 3K 250mA UMSUG 42 0012 0000 100	6	2142	Full Cutoff	0.840	12			
Upward Waste Light Ratio Measurement										Luminous Flux Factor (LFF): BS5489-1:2020			
UWLR										Survival Factor (SF): BS5489-1:2020 [Annex C]			
0.00													

Luminous Flux Factor (LFF): BS5489-1:2020 [Annex D2] = 1.0 [CLO]

Survival Factor (SF): BS5489-1:2020 [Annex D2] = 1.0

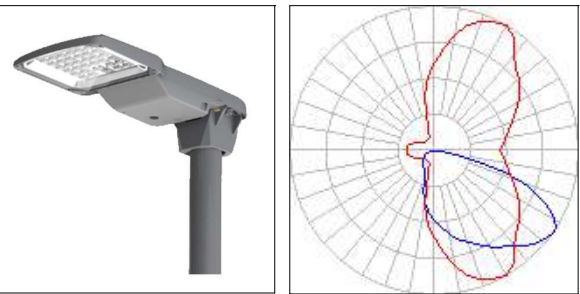
Luminaire Maintenance Factor (LMF): BS5489-1:2020 [Table C1] = 72 Months:
Environmental Zone:

E3/E4 =<6M TLS = 0.84

[LFF] * [SF] * [LMF] = Total Maintenance Factor Value

Calculation Results Summary								
Grid Reference	Measurement	Units	Eav	Emax	Emin	Uo	Ud	X Pitch
Road 1	Illuminance	Lux	5.80	16.5	1.0	0.17	0.06	1.5
Road 2	Illuminance	Lux	6.22	16.6	1.1	0.18	0.07	1.5
Road 3	Illuminance	Lux	6.32	16.6	1.0	0.16	0.06	1.5

Luminaire Location Summary						
Col ID	Ref (Qty)	X	Y	Angle	Tilt	Dimming
1	A (1)	517483.308	229159.813	291.848	0	1.00
2	A (1)	517454	229140.859	307.954	0	1.00
3	A (1)	517431.918	229119.544	312.582	0	1.00
4	A (1)	517336.14	229084.291	355.01	0	1.00
5	A (1)	517340.315	229104.046	349.964	0	1.00
6	A (1)	517366.789	229092.294	264.228	0	1.00
7	A (1)	517396.302	229090.352	279.687	0	1.00
8	A (1)	517417.234	229093.056	129.165	0	1.00
9	A (1)	517503.972	229170.898	326.027	0	1.00
10	A (1)	517494.577	229082.65	79.257	0	1.00
11	A (1)	517473.293	229090.058	68.205	0	1.00
12	A (1)	517448.172	229106.523	43.648	0	1.00
13	A (1)	517470.235	229080.768	265.624	0	1.00
14	A (1)	517438.597	229087.892	252.772	0	1.00
15	A (1)	517443.039	229143.956	227.85	0	1.00
16	A (1)	517409.989	229149.859	75.496	0	1.00
17	A (1)	517384.653	229158.931	350.588	0	1.00
18	A (1)	517381.33	229142.379	342.321	0	1.00



REF A:
Kirium Pro S 1, 16LED, A2 Optic, 3000K, 250mA. Painted in Grey Ral 7046.
Complete with 35Lux Photocell.
6M Tubular Steel column. Painted in Grey Ral 7046.



BS EN 13201-2:2015

6.1 Requirements for pedestrians & pedal cyclists

Table 3 - P Lighting Classes

Class P4:

5.0 - 7.5lx Eav

1.0lux Emin

A 06/07/2025 Undrafted
Issue: Date: Description:
CDM Statement:
Please note that this proposed lighting scheme is a lighting solution that has been designed with information provided by the client. The solution does not include site, installation engineering or any risk assessment considerations for CDM.



DW Windsor

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Project:

Grays Lane, Hitchin

Client: Hill Partnership Contact: Leigh Hyam

Project Management: Kelly Moir Lighting Design: Emma Gregory

All measurements in Metres & lux. Do not scale from this drawing.
All product images are indicative.

Filename: 25-002-1A - 1.1 Grays Lane, Hitchin [Layout] DraftV2.AGI AG320® Version 22.2.63

Date: 06/07/2025 Scale: 1:400 @ A1

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